

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/FR2004/003406

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G01T1/17

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G01T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 034 222 A (BOUX RENE ET AL) 5 July 1977 (1977-07-05) column 2, line 45 - line 54; figure 1	1
X	EP 0 022 949 A (SIEMENS AG) 28 January 1981 (1981-01-28) page 4, line 17 - page 5, line 23; figure 1	1
X	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 01, 31 January 1996 (1996-01-31) -& JP 07 239385 A (SHIMADZU CORP), 12 September 1995 (1995-09-12) abstract	1
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

26 May 2005

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02/06/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	Z.Y. CHANG AND W.M.C. SANSEN: "Low-noise wide-band amplifiers in bipolar and CMOS technologies" 1991, KLUWER ACADEMIC PUBLISHERS , XP008036864 cited in the application page 153, line 1 - line 20; figure 5.1 -----	1
A	US 4 198 986 A (SUZUKI KENJI) 22 April 1980 (1980-04-22) column 1, line 6 - line 10 column 4, line 10 - line 23; claim 1; figure 5 column 6, line 38 - line 46; figure 8 -----	1
A	DE 43 04 349 A (KUGELFISCHER G SCHAEFER & CO) 18 August 1994 (1994-08-18) column 1, line 3 - line 43; figure 1 -----	1

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International Application No  
**PCT/FR2004/003406**

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4034222	A	05-07-1977	FR 2308109 A1	12-11-1976
			CA 1054261 A1	08-05-1979
			DE 2616652 A1	28-10-1976
			GB 1516425 A	05-07-1978
			JP 1383491 C	09-06-1987
			JP 51128862 A	10-11-1976
			JP 61039065 B	02-09-1986
EP 0022949	A	28-01-1981	DE 2926902 A1	22-01-1981
			EP 0022949 A2	28-01-1981
			JP 56011376 A	04-02-1981
JP 07239385	A	12-09-1995	NONE	
US 4198986	A	22-04-1980	JP 1433848 C	07-04-1988
			JP 53066273 A	13-06-1978
			JP 62031304 B	07-07-1987
DE 4304349	A	18-08-1994	DE 4304349 A1	18-08-1994